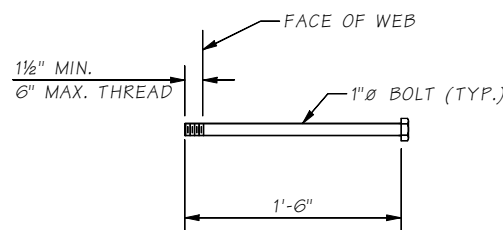


**ELEVATION  
END DIAPHRAGM**  
DIMENSIONS ARE ALONG DIAPHRAGM



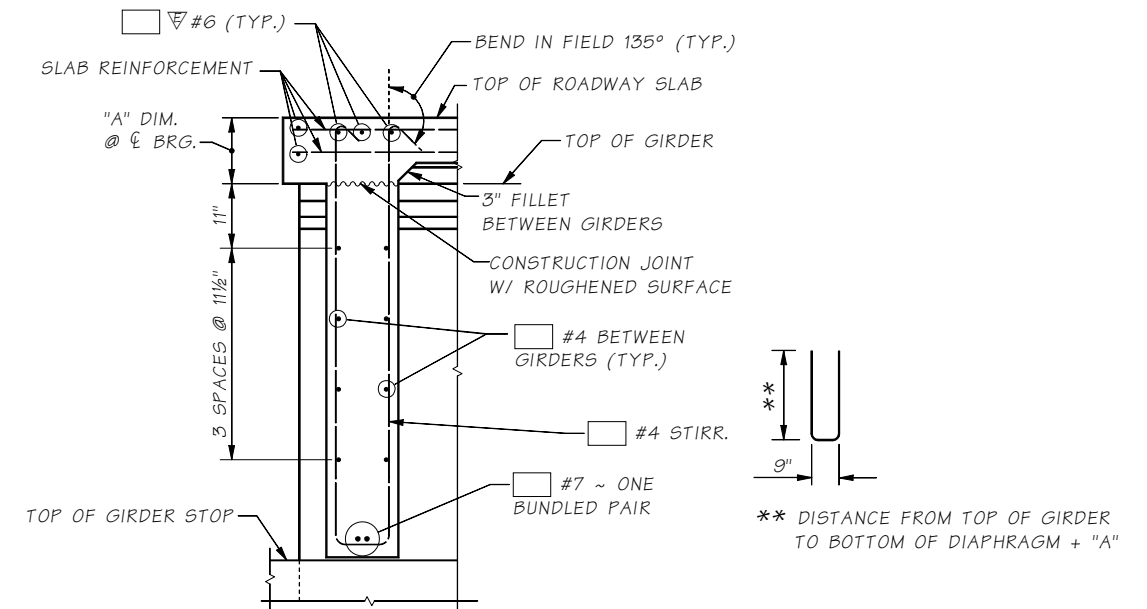
**ANCHOR DETAIL**  
ASTM A-307

**TEMPORARY STRAND  
CUTTING SEQUENCE**

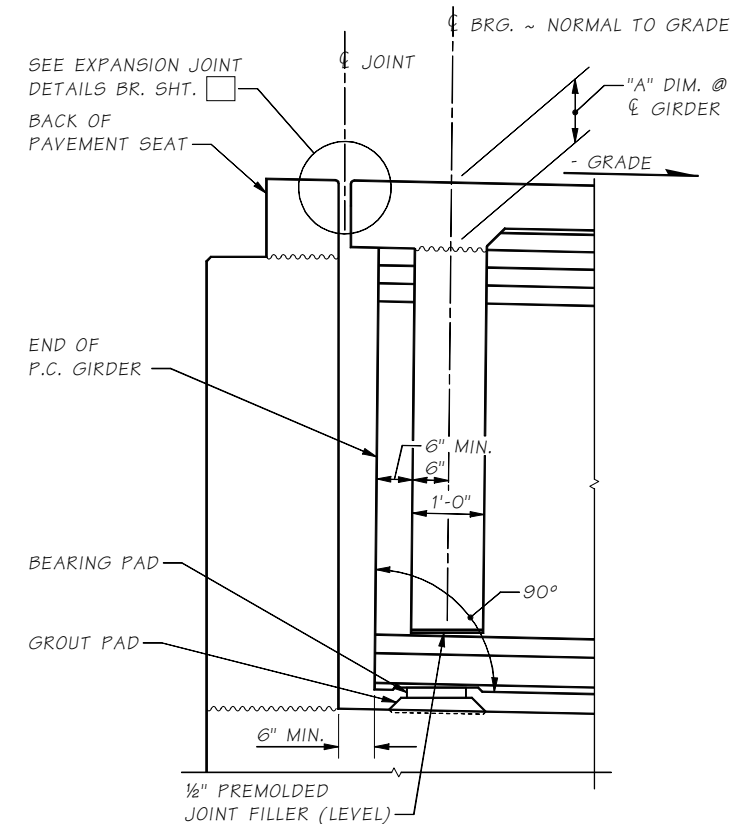
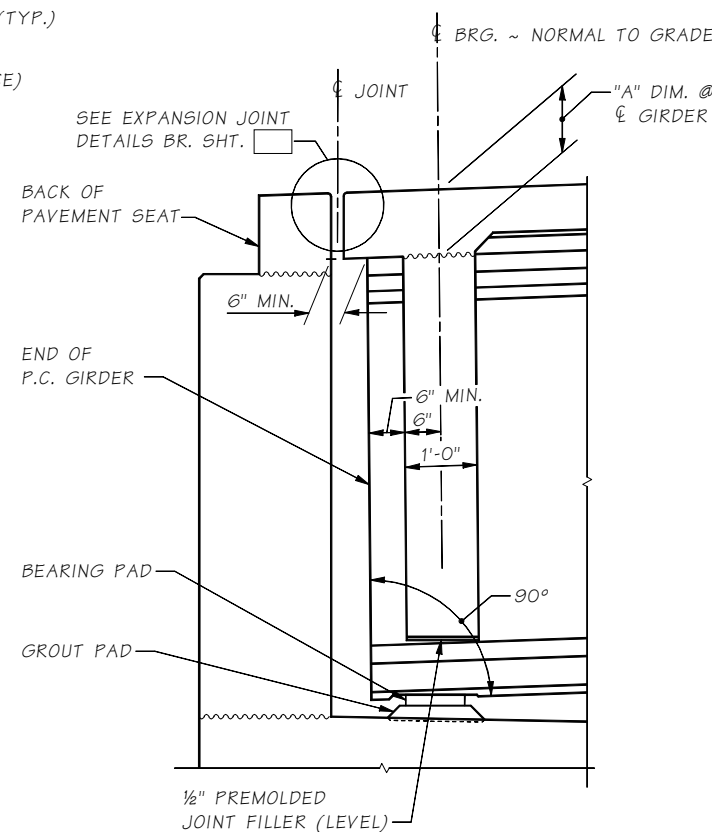
**NOTE:**

GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED. REINFORCING BAR SHALL BE THREADED THROUGH HOLES IN GIRDERS PRIOR TO PLACING OF EXTERIOR GIRDERS. SEE "GIRDER DETAILS" SHEET FOR DIMENSION "A".

1. ERECT AND BRACE GIRDERS.
2. REMOVE EXPANDED POLYSTYRENE IN 2" x 2" RECESSES IN TOP FLANGE OF GIRDERS.
3. CUT STRAND AND PLASTIC SLEEVE IN 2" x 2" RECESS.
4. REMOVE ALL MOISTURE IN RECESS PRIOR TO FILLING RECESS WITH GROUT.
5. CAST INTERMEDIATE & END DIAPHRAGMS.



**SECTION A**



**ROADWAY EXPANSION JOINT AT END PIERS**

LONGITUDINAL DIMENSIONS ARE NORMAL TO SKEW.  
GIRDER STOP NOT SHOWN FOR CLARITY.

5.6-A6-5

SHEET NO.

JOB NO.

SR

BRIDGE DESIGN ENGR.

SUPERVISOR

DESIGNED BY

CHECKED BY

DETAILED BY

BRIDGE PROJECTS ENGR.

PRELIM. PLAN BY

ARCHITECT/SPECIALIST

M:\STANDARDS\Girders\I-Girders\W74G\W74G\_ABUT\_PIER\_DIAPH\_DET.MAN

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			
JOB NUMBER				

**BRIDGE  
AND  
STRUCTURES  
OFFICE**



**Washington State  
Department of Transportation**

**STANDARD  
PRESTRESSED CONCRETE GIRDERS**

W74G ABUTMENT TYPE PIER  
DIAPHRAGM DETAILS

BRIDGE SHEET NO.  
SHEET  
OF  
SHEETS